

FIG. 1

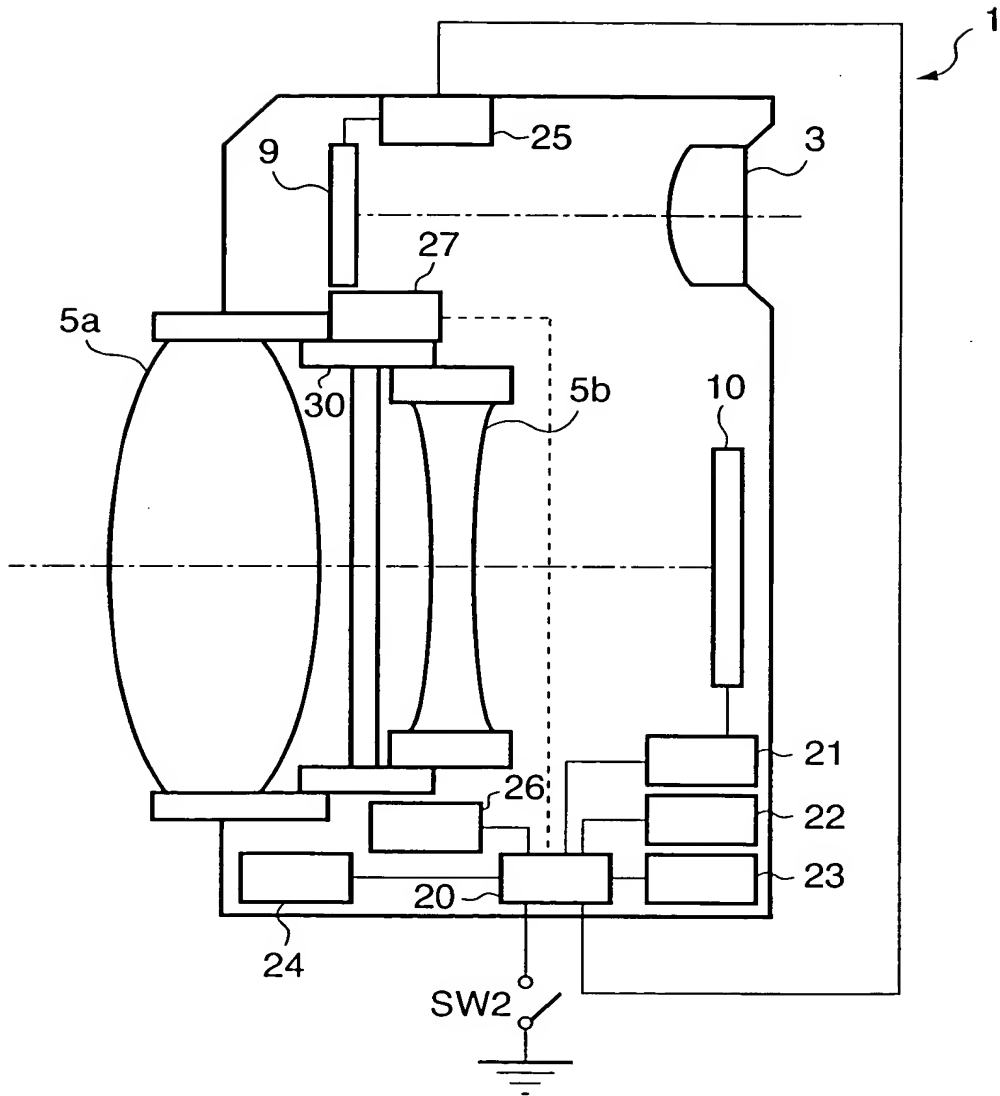


FIG. 2

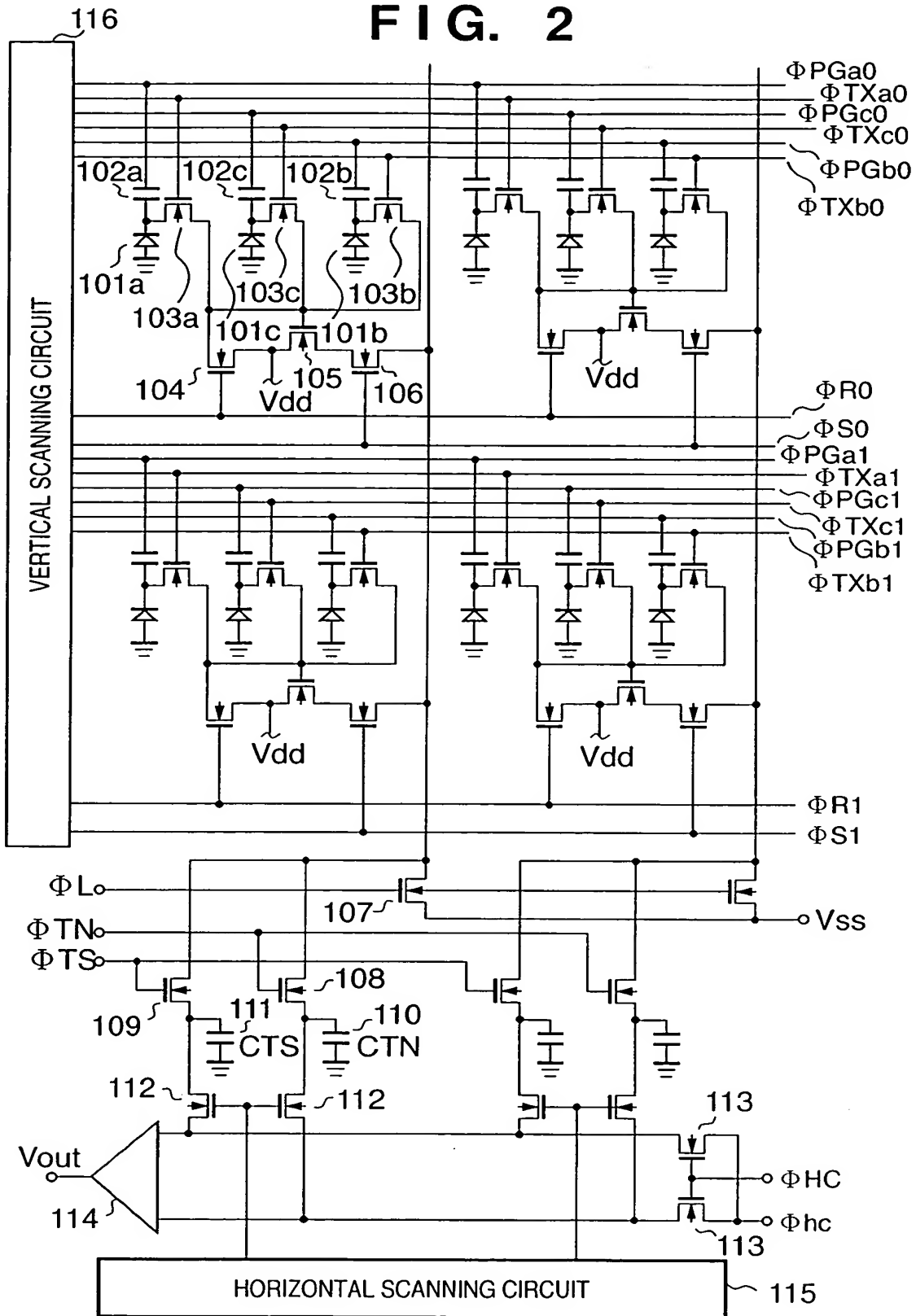
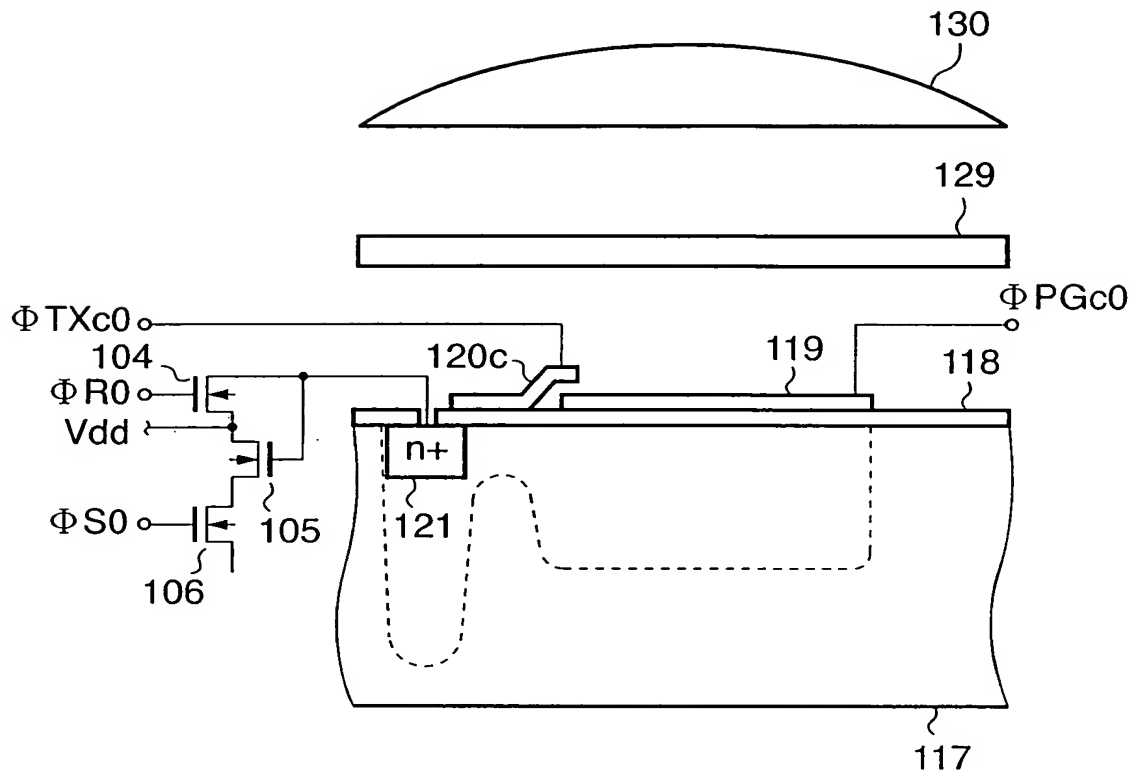


FIG. 3



(iii)  $\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$ ,  $\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{y}} \right) = \frac{\partial L}{\partial y}$ ,  $\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{z}} \right) = \frac{\partial L}{\partial z}$

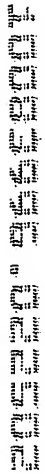
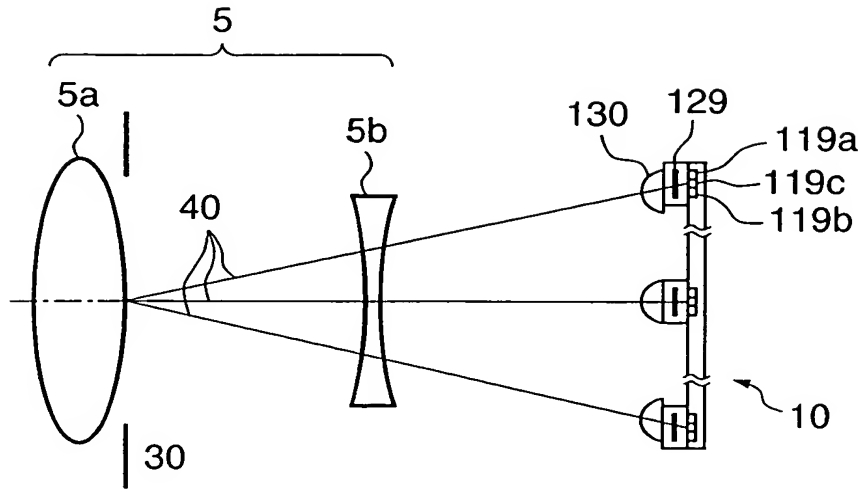
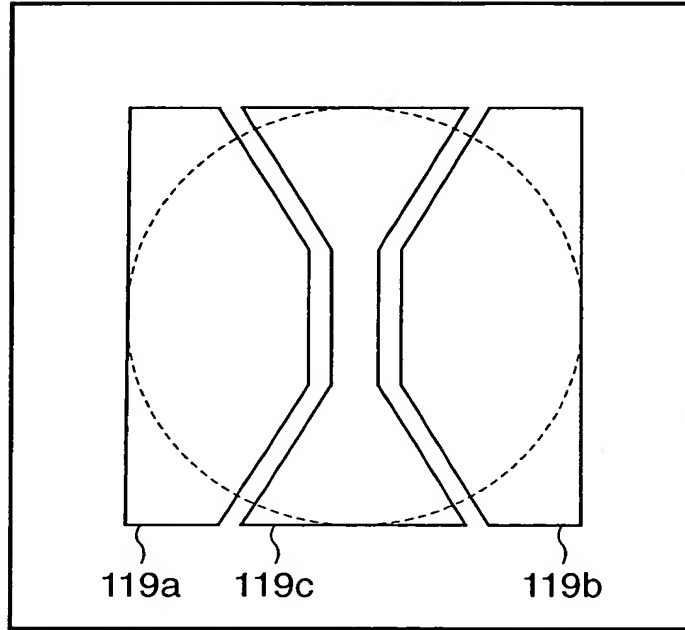


FIG. 5



**FIG. 6A**



**FIG. 6B**

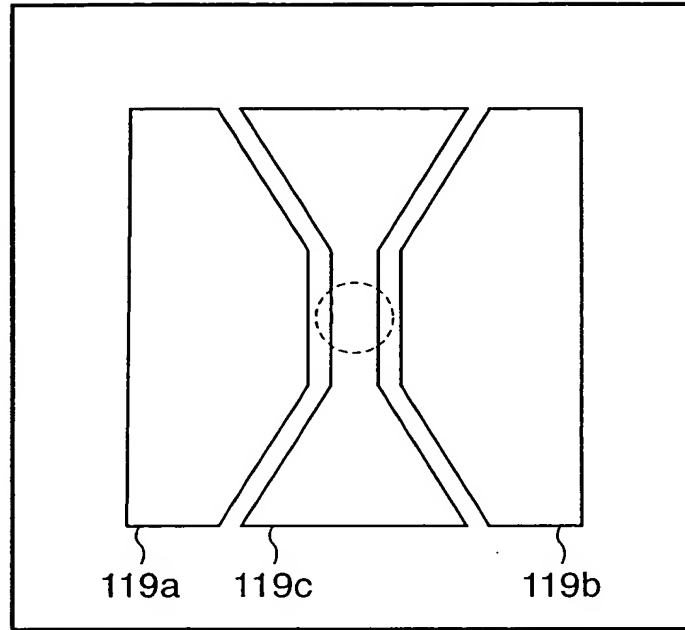
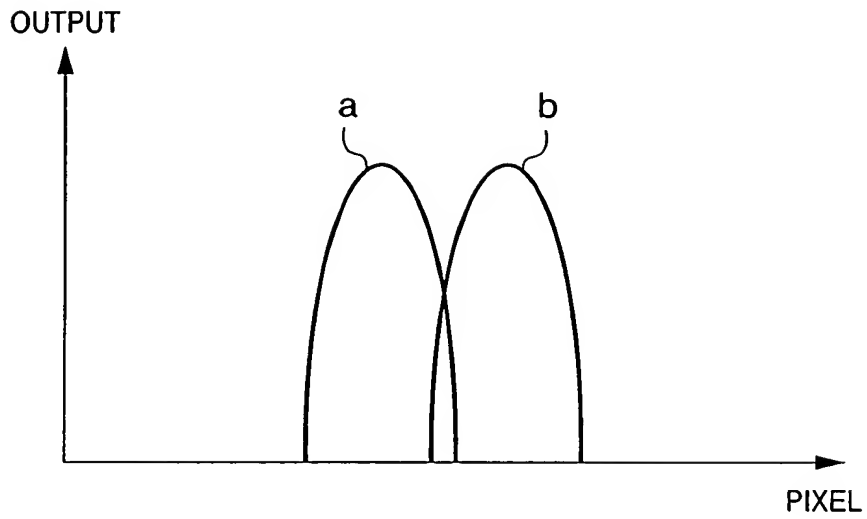


FIG. 7





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FIG. 8A

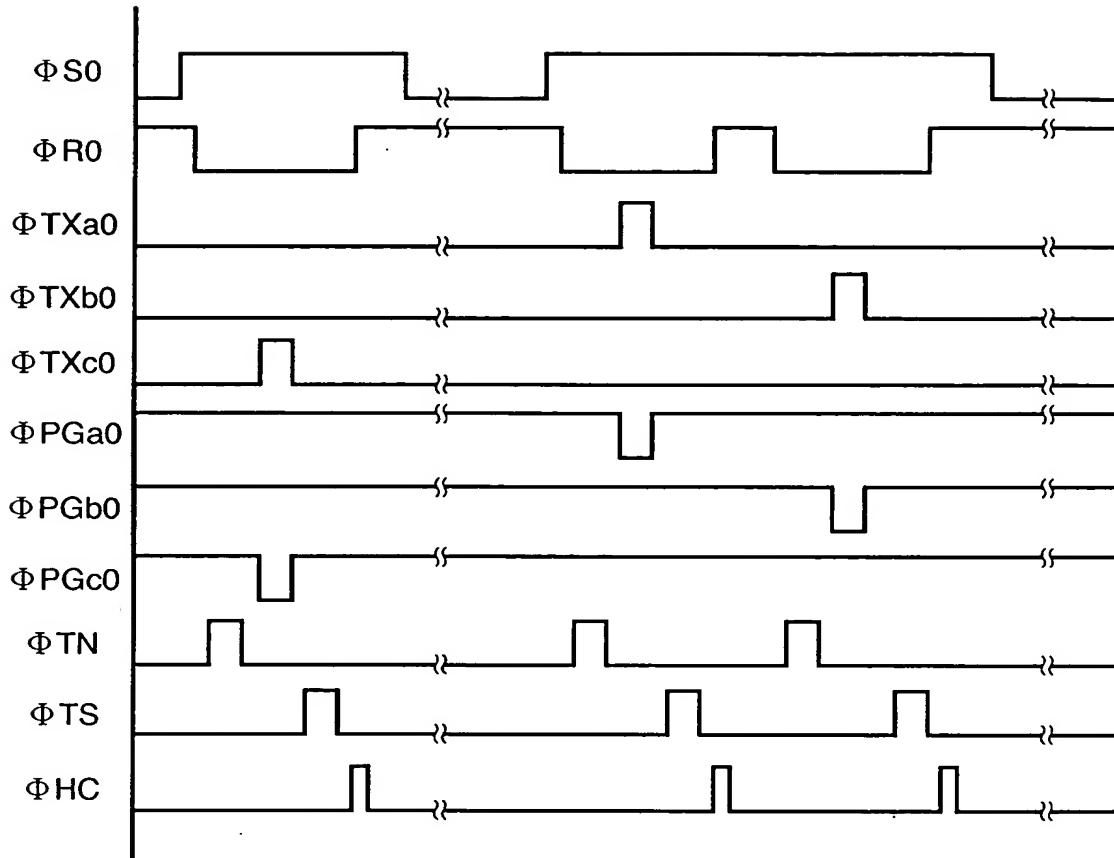


FIG. 8B

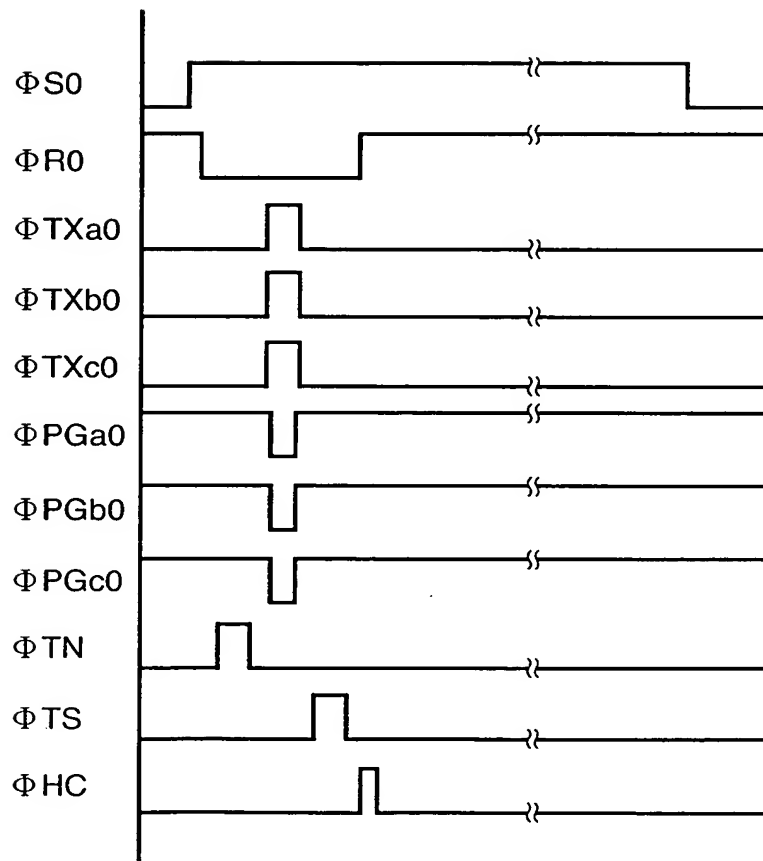
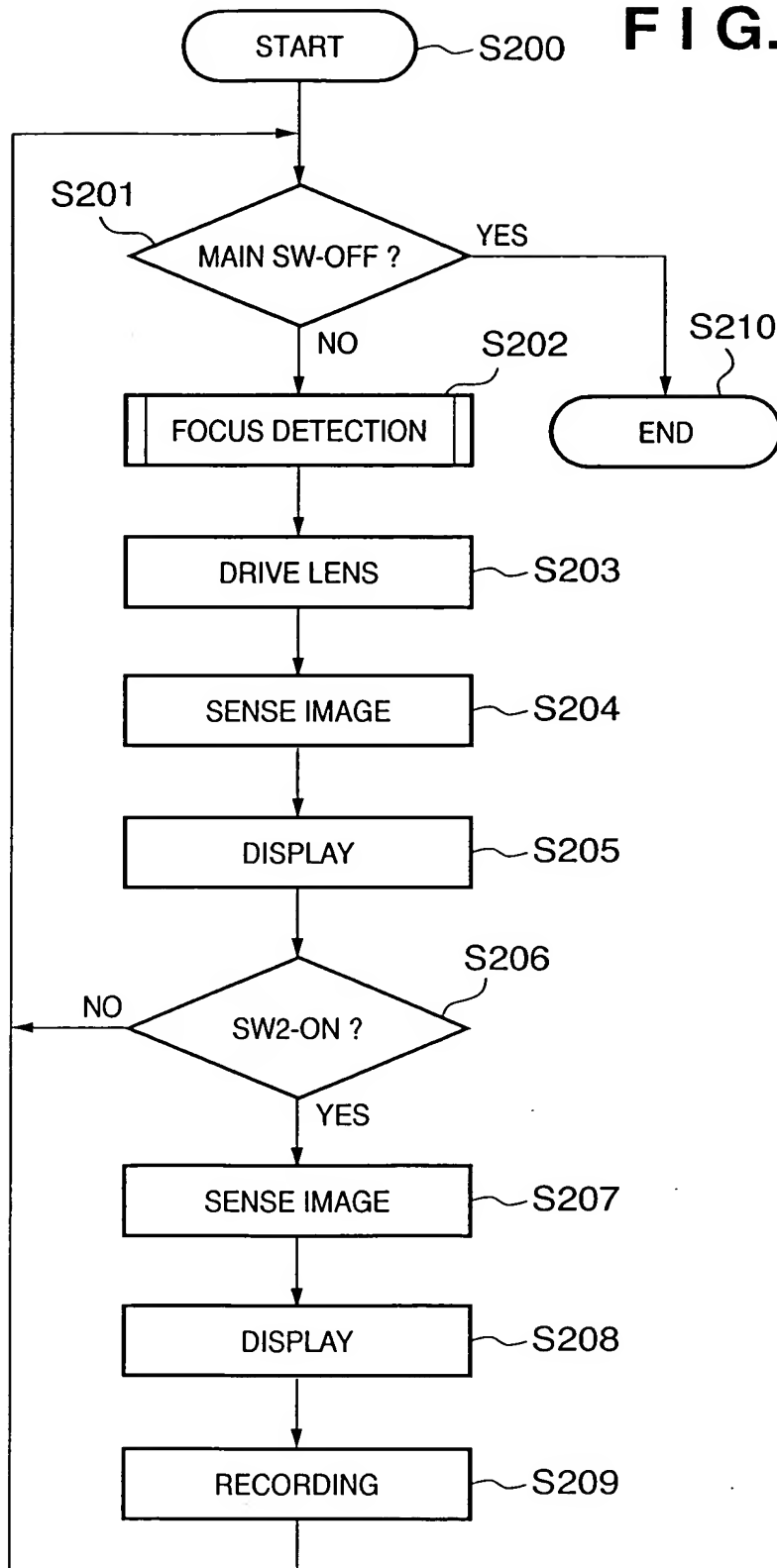
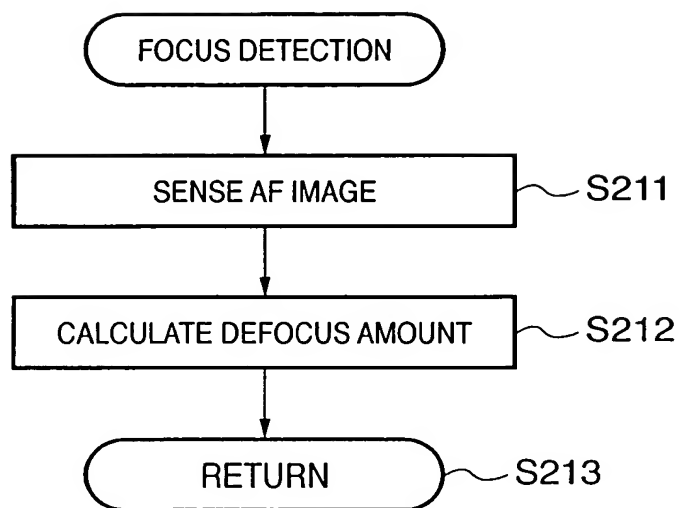


FIG. 9



**FIG. 10**



**FIG. 11**

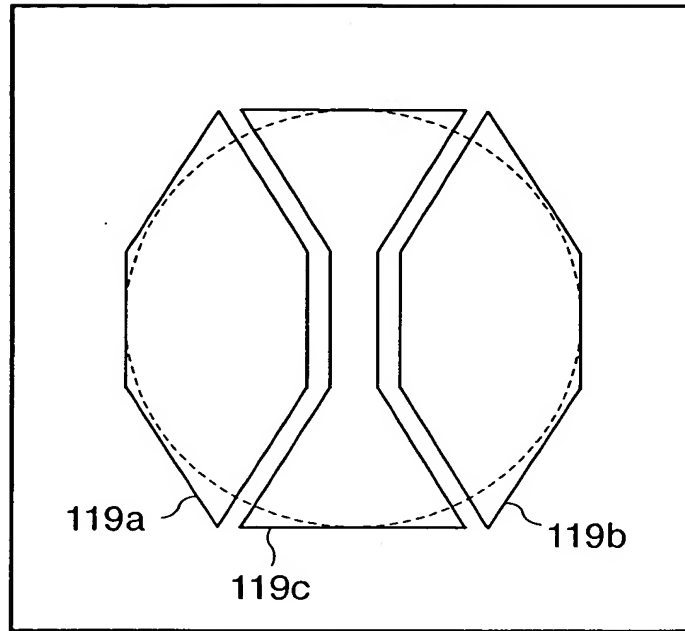
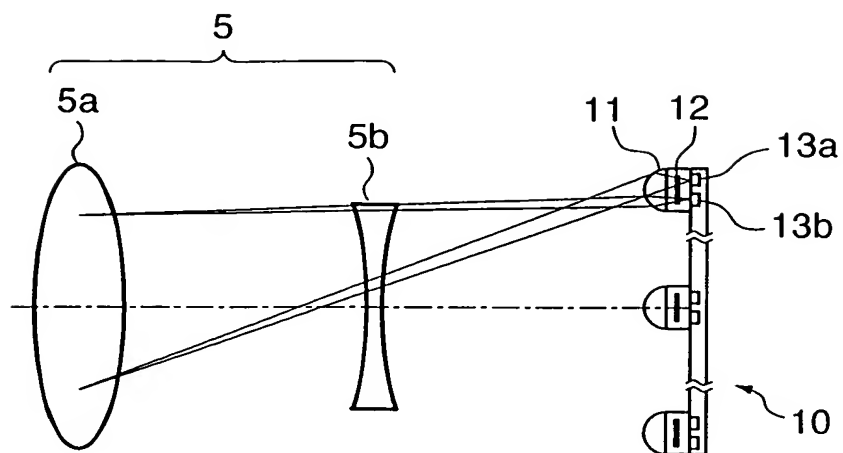
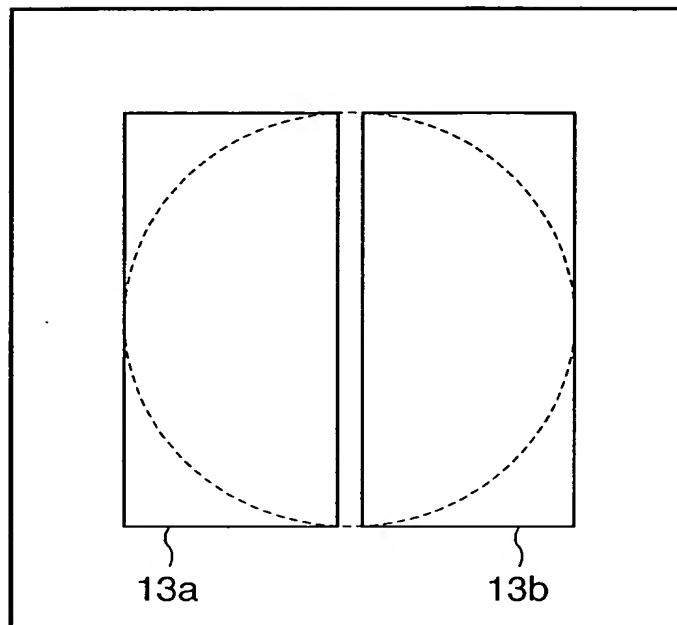


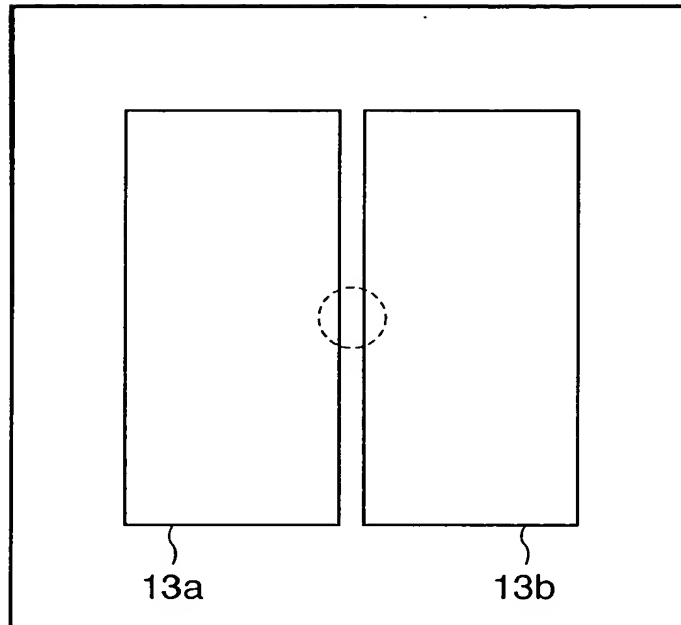
FIG. 12



**FIG. 13A**



**FIG. 13B**





**FIG. 14**

